



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

**TECHNICAL REVIEW BRANCH
SIMILARITY CLINIC DETERMINATION**

24/SEPT/2008

MEMORANDUM

Subject: Name of Pesticide Product: HM-0429
EPA Reg. No. /File Symbol: 5905-LTO
DP Barcode: D355725
Decision No: 398243
Action Code: R300
PC Code: 107201 (hexazinone)

From: Eugenia McAndrew, Biologist *E. McAndrew*
Technical Review Branch *H. White*
Registration Division (7505P)

To: Tracy White, RM Team 23
Herbicide Branch
Registration Division (7505P)

Applicant: Helena Chemical Company
225 Schilling Blvd., Suite 300
Collierville, TN 38017

FORMULATION FROM LABEL:

| | |
|------------------------------|-----------------|
| <u>Active Ingredient(s):</u> | <u>% by wt.</u> |
| Hexazinone | 25 |
| <u>Inert Ingredient(s):</u> | <u>75</u> |
| Total: | 100% |

ACTION REQUESTED: The Risk Manager requests: "This is a submission for registration of End Use Product, Me-Too/Fast -Track submission. The registrant is claiming similarity to EPA Reg. # 352-392, please confirm."

BACKGROUND: Helena Chemical Company has applied for registration of HM-0429, EPA File Symbol 5905-LTO, claiming similarity to DuPont Velpar L herbicide, EPA Reg. No. 352-392. Both products are water-soluble liquids used for weed control. Each contains 25% hexazinone as the active ingredient. The Registrant is using the cite-all method of data support to satisfy the acute toxicity data requirements.

A search of the OPP electronic databases shows that acute toxicity data submitted to support the registration of the cited product, 352-392, were reviewed in two prior Agency memos (Fried; D220619; 05/MAY/1996 and Fried; 08/AUG/1997).

RECOMMENDATIONS: TRB has evaluated the formulations of the proposed product, 5905-LTO, and the cited product, 352-392, and has determined that the two products are substantially similar.

The acute toxicity profile for the proposed product, HM-0429, EPA File Symbol 5905-LTO, is as follows:

| | | | |
|---------------------------|----------|-------|------------------|
| acute oral toxicity | III | cited | EPA Reg. 352-392 |
| acute dermal toxicity | IV | cited | EPA Reg. 352-392 |
| acute inhalation toxicity | IV | cited | EPA Reg. 352-392 |
| primary eye irritation | I | cited | EPA Reg. 352-392 |
| primary skin irritation | IV | cited | EPA Reg. 352-392 |
| dermal sensitization | negative | cited | EPA Reg. 352-392 |

The proposed basic CSF dated May 19, 2008 was accepted by the TRB Product Chemistry Team (Malak; D355724; 02/SEPT/2008).

This memorandum pertains only to the decision concerning whether the subject product is similar to the cited product from an acute toxicological view point. For the purposes of this action, TRB has made no further determination of the adequacy of the toxicological data base or the precautionary label of the cited product.

LABELING: Based on the toxicity profile above, the following are the precautionary and first aid statements for this product as obtained from the Label Review System:

PRODUCT ID #: 005905-00579

PRODUCT NAME: HM-0429

PRECAUTIONARY STATEMENTS

SIGNAL WORD: DANGER

SPANISH SIGNAL WORD: PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

Hazards to Humans and Domestic Animals:

Restricted Use Pesticide due to toxicity categories. For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Wear: Long-sleeved shirt and long pants, socks and shoes

First Aid:

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

The proposed label should contain a Note to Physician which addresses the category I Primary Eye Irritant toxicity. The following statements are suggested types of information that may be included, if applicable:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.